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Publons / Web Of Science ResearcherID: ABF-1805-2020

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Education Information

Doctorate, Cukurova University, Mühendislik Fakültesi, Makina Müh., Turkey 2022 - Continues

Postgraduate, Cukurova University, Mühendislik Fakültesi, Makina Müh., Turkey 2019 - 2022

Undergraduate, Cukurova University, Mühendislik Fakültesi, Makina Müh., Turkey 2013 - 2019

Foreign Languages

English, C1 Advanced

Research Areas

Energy, Renewable Energy Systems, Alternative Energy Resources, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Fakültesi, Makina Müh., 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **An investigation on implementing wet torrefaction to dewatered poultry sludge**
DİKER İ., ÖZKAN G. M.
BIOMASS CONVERSION AND BIOREFINERY, vol.14, no.4, pp.5517-5530, 2024 (SCI-Expanded)
- II. **Fuel characterization and gasification of sunflower waste in sub- and supercritical water with influence of catalysts on optimum state**
Türkmen H., DİKER İ., Faki E., AKILLI H.
Biomass Conversion and Biorefinery, 2024 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **THERMAL MANAGEMENT OF A MULTI-FUNCTIONAL BATTERY CASE**

Diker İ., Gökçiler O. C., Özkan G. M., Acer D. C., Çetin A., Geren N.

20th INTERNATIONAL CONFERENCE ON MACHINE DESIGN AND PRODUCTION- UMTIK 2024, Ankara, Turkey, 14 - 17 August 2024, vol.1, pp.153-169

II. UPGRADING FUEL CHARACTERISTIC OF POULTRY SLUDGE VIA WET TORREFACTION

Diker İ., Özkan G. M.

ULUSLARARASI KATILIMLI 23.ISI BİLİMİ VE TEKNİĞİ KONGRESİ, Gaziantep, Turkey, 8 - 10 September 2021, vol.2, pp.1162-1163

Patent

Geren N., Bayramoğlu M., Özkan G. M., Uzay Ç., Çetin A., Acer D. C., Diker İ., İbekci M. B., COMPOSITE BATTERY ENCLOSURE WITH THERMAL MANAGEMENT AND SELF-HEALING (REPAIRING) FEATURES, Patent, CHAPTER H Electricity, The Invention Registration Number: PCT/TR2024/050272 , Standard Registration, 2024

Geren N., Bayramoğlu M., Özkan G. M., Uzay Ç., Çetin A., Acer D. C., Diker İ., İbekci M. B., Termal Yönetim Ve Kendini İyileştirme (Tamir Etme) Özellikli Kompozit Batarya Muhafaza Kutusu, Patent, CHAPTER H Electricity, The Invention Registration Number: 2024/002940 , Standard Registration, 2024

Metrics

Publication: 4